

inputting data symbols to a logic unit over a plurality of successive symbol periods, wherein each data symbol comprises a plurality of information bits:

forming in the logic unit at least two derived bits during each symbol period by combining selected information bits;

forming, during each symbol period, a plurality of bit sequences, each bit sequence containing bits input or derived over a plurality of symbol periods;

generating, during each symbol period, a plurality of filtered waveform segments using the bit sequences;

combining, during each symbol period, at least two of the filtered waveform segments to obtain a segment of the imaginary waveform part;

combining, during each symbol period, at least two of the filtered waveform segments to obtain a segment of the real waveform part.

#### Remarks

Amendments have been made to correct minor errors in the specification and to claim

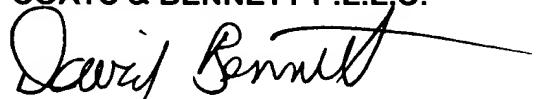
21. No new matter has been added.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

Respectfully submitted,

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